



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII

999 18th STREET - SUITE 500

DENVER, COLORADO- 80202-2466

OCT 04 1991

Ref: 8WM-C

Mr. David P. Simonson
Assistant Manager for
Environmental Management
Department of Energy
Rocky Flats Office
P.O. Box 928
Golden, Colorado 80402-0928

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HHS/DOE
EEO/WH ROOM
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Re: NPDES Permit CO-0001333
DOE-Rocky Flats Plant

Dear Mr. Simonson:

This is in partial response to your August 30, 1991 letter regarding the analytical requirements for Rocky Flats' NPDES permit (CO-0001333), as modified by the Federal Facility Compliance Agreement (FFCA). In that letter you requested: (1) a change in the monitoring list of volatile organic compounds; (2) changes in some of the detection limits for heavy metals; and, (3) a review of possible deviations from EPA-prescribed methodologies for NPDES monitoring in general. We have completed our review of your request for the change in the monitoring list for volatile organic compounds and have determined that your requested change is acceptable. We have not completed our review of your other two requests and will not comment on them in this letter.

Our decision to delete acrolein, acrylonitrile, and 2-chloroethylvinyl ether from the monitoring list was based on the following:

1. These chemicals are not used in the manufacturing processes at Rocky Flats nor are they part of the standing chemical inventory at Rocky Flats;
2. These chemicals are not on the lists of target analytes for the operable units at Rocky Flats; and,
3. A recent analysis of the sewage treatment plant effluent for these chemicals indicated that they were not present in detectable amounts.

ADMIN RECORD

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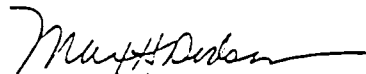
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Enclosed is a modified page 2 of the summary of the effluent limitations and monitoring requirements. If you have any questions about this letter or the summary, please contact Bob Shankland at 293-1597.

Sincerely,



Max H. Dodson, Director
Water Management Division

Enclosure

cc: Judy Bruch, Colorado Rocky Flats
Program Unit
Bob Shukle, Colorado WQCD
Martin Hestmark (8HWM-FF)
Jerry Cross (8WM-C)
Debra Griffin (8WM-C)
Dana Allen (8WM-C)
Marion Yoder (8WM-C)
Tom Johnson (8WM-C)

SUMMARY OF NPDES EFFLUENT LIMITATIONS AND SELF-MONITORING REQUIREMENTS AT THE ROCK FLATS PLANT
AS MODIFIED BY THE FEDERAL FACILITY COMPLIANCE AGREEMENT

15924

Discharge from Sewage Treatment Plant (STP) (Continued)

<u>Effluent Characteristics</u>	<u>Discharge Limitations</u>			<u>Monitoring Requirements</u>	
	<u>30-Day Avg. a/</u>	<u>7-Day Avg. b/</u>	<u>Daily Max. d/</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
Benzene, ug/L	N/A	N/A	N/A	Monthly	Grab
Bromoform, ug/L	N/A	N/A	N/A	Monthly	Grab
Carbon Tetrachloride, ug/L	N/A	N/A	N/A	Monthly	Grab
Chlorobenzene, ug/L	N/A	N/A	N/A	Monthly	Grab
Chlorodibromomethane, ug/L	N/A	N/A	N/A	Monthly	Grab
Chloroethane, ug/L	N/A	N/A	N/A	Monthly	Grab
Chloroform, ug/L	N/A	N/A	N/A	Monthly	Grab
Dichlorobromomethane, ug/L	N/A	N/A	N/A	Monthly	Grab
1,1-Dichloroethane, ug/L	N/A	N/A	N/A	Monthly	Grab
1,2-Dichloroethane, ug/L	N/A	N/A	N/A	Monthly	Grab
1,1-dichloroethylene, ug/L	N/A	N/A	N/A	Monthly	Grab
1,2-Dichloropropane, ug/L	N/A	N/A	N/A	Monthly	Grab
1,3-dichloropropylene, ug/L	N/A	N/A	N/A	Monthly	Grab
Ethylbenzene, ug/L	N/A	N/A	N/A	Monthly	Grab
Methyl bromide, ug/L	N/A	N/A	N/A	Monthly	Grab
Methyl chloride, ug/L	N/A	N/A	N/A	Monthly	Grab
Methylene chloride, ug/L	N/A	N/A	N/A	Monthly	Grab
1,1,2,2-Tetrachloroethane, ug/L	N/A	N/A	N/A	Monthly	Grab
Tetrachloroethylene, ug/L	N/A	N/A	N/A	Monthly	Grab
Toluene, ug/L	N/A	N/A	N/A	Monthly	Grab
1,2-Trans-dichloroethylene, ug/L	N/A	N/A	N/A	Monthly	Grab
1,1,1-Trichloroethane, ug/L	N/A	N/A	N/A	Monthly	Grab
1,1,2-Trichloroethane, ug/L	N/A	N/A	N/A	Monthly	Grab
Trichloroethylene, ug/L	N/A	N/A	N/A	Monthly	Grab
Vinyl chloride, ug/L	N/A	N/A	N/A	Monthly	Grab

(Footnotes are at the end of the summary.)

Amended 9-27-1991